

(19) World Intellectual Property Organization  
International Bureau



(43) International Publication Date  
18 October 2001 (18.10.2001)

PCT

(10) International Publication Number  
WO 01/77312 A1

(51) International Patent Classification?: C12N 15/03

(21) International Application Number: PCT/KR00/01173

(22) International Filing Date: 18 October 2000 (18.10.2000)

(25) Filing Language: Korean

(26) Publication Language: English

(30) Priority Data:  
2000-0018489 8 April 2000 (08.04.2000) KR

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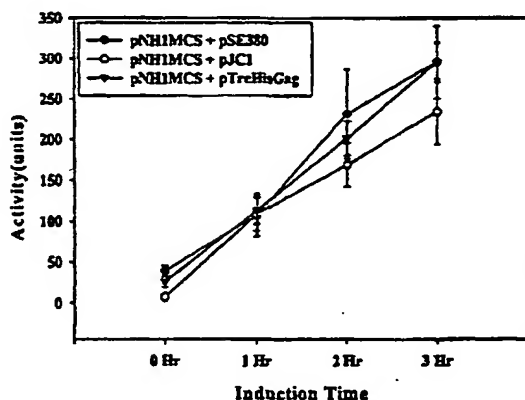
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(81) Designated States (national): AE, AG, AL, AM, AT, AU,  
AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ,  
DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR,  
HU, ID, IL, IN, IS, JP, KE, KG, KP, KZ, LC, LK, LR, LS,  
LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO,  
NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR,  
TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW.

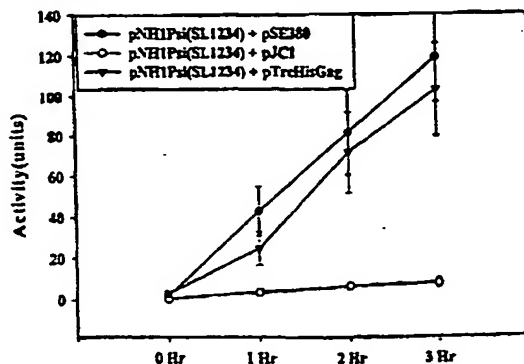
(84) Designated States (regional): ARIPO patent (GH, GM,  
KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW), Eurasian  
patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European  
patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE,  
IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG,  
CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG).

[Continued on next page]

(54) Title: A TRANSFORMANT FOR SCREENING OF INHIBITORS FOR HUMAN IMMUNODEFICIENCY VIRUS



(57) Abstract: The present invention relates to a microorganism cotransformed with a gene expressing HIV nucleocapsid protein and a plasmid vector containing HIV  $\Psi$  gene and  $\beta$ -galactosidase reporter gene, and a method for screening HIV inhibitors employing the said transformant. The invented method comprising the steps of culturing the said transformant, treating it with putative compounds or compositions of HIV inhibitors, and measuring the degree of change in  $\beta$ -galactosidase expression in the culture, can be practically applied in screening HIV packaging inhibitors by which the interaction between HIV nucleocapsid and HIV  $\Psi$  sequence is blocked.



TOGETHER

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**Published:**

- with international search report
- with amended claims
- with (an) indication(s) in relation to deposited biological material furnished under Rule 13bis separately from the description

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